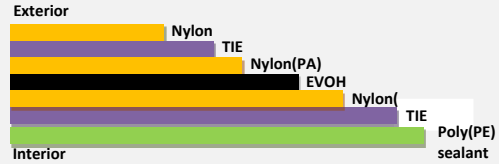


## SPECIFICATION

### GreenVac-40 EVOH Co-Extrusion Film 40microns/1.57Mil



|                     | Test Method | Typical Value | Unit   | Typical Value | Unit                                      |
|---------------------|-------------|---------------|--|---------------|---|
| Weight              | ASTM D882   | 39.72         | g/m <sup>2</sup>                                 | 17701         | in <sup>2</sup> /lb                       |
| Elongation/MD       | ASTM D882   | 360           | %  | 360           | %   |
| Elongation/TD       | ASTM D882   | 340           | %  | 340           | %   |
| Tensile strength/MD | ASTM D882   | 18            | Mpa  | 2611          | PSI                                       |
| Tensile strength/TD | ASTM D882   | 16            | Mpa  | 2321          | PSI                                       |
| Haze                | ASTMD1003   | 8             | %  | 8             | %   |
| COF                 | ASTMD1894   | 0.2           |  | 0.2           |   |
| O2TR                | ASTMD3985   | 1.5           | cm <sup>3</sup> /m <sup>2</sup> .d.bar @65%RH&23 | 0.10          | cc/100in <sup>2</sup> .d.bar @65%RH&23 °C |
| WVTR                | ASTMD1249   | 3.8           | g/m <sup>2</sup> .d                              | 0.245         | g/100in <sup>2</sup> .d                   |
| Sealing strength    | ASTMD2029   | 18            | N/15mm   | 6.85          | 1bf/in                                    |

#### Product feature

Excellent properties on gas barrier, moisture proof, Longer shelf life, storage time

Suitable for packing product with high performance requirements, e.g. freezable, wet pet food, meat

#### This is achieved by

- Preventing the growth of microorganisms.
- Removing atmospheric oxygen.
- Limiting the growth of aerobic bacteria or fungi
- Preventing the evaporation of volatile components

#### Material

All resins meet the FDA requirement.

- **Nylon:** BASF or DSM import from Germany, quality approved by Europe.
- **Bonding-resin:** Dupont import from USA, quality approved by North American.
- **LDPE or LLDPE:** DOW or Exxonmobil import from USA, quality approved by North American.

#### Application

- **Long term storage of dry foods:** Nuts, cereals, cheese, smoked fish, crisps, cured meats.
- **Short term storage of fresh foods:** Vegetables, meats, liquid i.e. soups.
- **Frozen foods:** Vacuum pouches prevent freezer burn by shielding food from exposure to the cold, dry air.

#### Certifications

This production has got the certification of ISO9001, ISO14001, SGS, FDA, CFIA, QS etc. All resins meet the FDA requirement